Appln. No.: 09/610,269   MATI-193US
Amendment Dated March 15, 2004
Reply to Office Action of December 15, 2003

Amendments to the Specification:

Please replace the paragraph starting at page 13, line 1 with the following amended paragraph.

The proposed method is illustrated in the flow chart of Fig. 9 as follows: The initial unsolicited allocation is set at average bit rate in step 1. Then it is determined if a window time opportunity = (N times the map intervals (e.g., N=5)) is present in step 2. If so, in step 3, the average number of unused bytes in the unsolicited portion of the UGPRS is measured. At the same time in step 4, the average number of bytes transmitted over the rtPS or "piggyback" requests is determined. In step 5 the average number of unused UGS bytes is compared to a predetermined threshold[[,]] if. If the average number of unused UGS bytes is greater than the threshold[[.]] For then, for the next window, the number of bytes times the rate decrease constant (chosen between 0 and 1) is subtracted from the unsolicited allocation in step 6. At the same time, the average number of bytes transmitted over the piggyback request channel portion times the rate increase constant is added to the unsolicited allocation in step 7. Thus, in step 8, the two constants (increase and decrease) control how fast the unsolicited allocation tracks the changes in the dynamic bandwidth requirements of a video stream. The inventors have determined the rate decrease constant of 0.5 and the rate increase constant of 1.0 provide for an acceptable "dynamic" UGPRS performance.